

SENSE™ KIT INSTALLATION INSTRUCTIONS FOR HEAVY DUTY ALTERNATORS

WARNING!!! ALWAYS USE PROPER EYE PROTECTION WHEN PERFORMING ANY MECHANICAL REPAIRS TO A VEHICLE – INCLUDING, BUT NOT LIMITED TO, ANY INSTALLATION AND OR REPAIRS TO THE DELCO REMY ALTERNATORS AND BATTERIES. FAILURE TO USE PROPER EYE PROTECTION CAN LEAD TO SERIOUS AND PERMANENT EYE DAMAGE.

Only perform the mechanical functions that you are properly qualified to perform. Mechanical repairs that are beyond your technical capabilities should be handled by a professional installation specialist.

DANGER!!! To avoid injury or damage, always disconnect the negative cable at battery before removing or replacing the alternator leads. The alternator output terminal is always live (“hot”). If the battery is not disconnected, a tool accidentally touching this terminal and ground can quickly get hot enough to cause skin burn or damage to the tool and surrounding parts.

Installation Procedure:

1. Disconnect the Negative (-) Cable or Cables from the Batteries.
2. Following existing bundled cables lay out the Sense Lead, wrapped in corrugated loom tubing, from the Positive Battery Terminal to the Alternator. **Important!** The Fuse Assembly must be on the Battery end.
3. Starting at the Battery End, dress Sense Lead and Tubing to the existing harness with wire ties provided. Use good wiring techniques.
4. Connect the Sense Lead Terminal to the Alternator Sense Stud and torque nut to **1.7-2.8 Nm (15-25 lb in)**.
5. Connect Ring Terminal to Positive (+) Battery Terminal or the nearest common distribution point.
6. Reconnect the Negative (-) Batteries cable or cables and torque to vehicle manufacturers specifications.

NOTICE! Do not connect remote sense cable to the Relay “R” terminal.

Installation Check:

1. Start the Vehicle.
2. Turn on A/C load and lights.
3. Measure and record the Output Voltage by placing Voltmeter Probes between the Output (+) Terminal and Ground.
4. Measure and record the Sense Voltage by placing Voltmeter Probes between the Output (+) and Sense Terminals.
5. Output Terminal Voltage will be 0.1 to 2.0 Volts higher than the Sense Terminal Voltage, depending on Alternator Output.
6. This difference verifies the Alternator is compensating for Line Voltage Drop and is working correctly.

Contents (Remote Sense™ Kit):

1 - 20 ft Sense Lead Assembly wrapped in corrugated loom tubing, which includes a Fused Link Assembly, wrapped in corrugated loom tubing with fuse and wire connector.

20 - Wire Ties

1 - Instruction Sheet

Technical support: USA 800 854 0076, Mexico 01 800 000 7378, Brazil 0800 703 3526, South America 55 11 2106 6510 or visit delcoremy.com

NOTICE - Only licensed Remy International, Inc. product and component parts should be used, and the use of other parts or modifications not approved by Remy International, Inc. will void all applicable warranties. The failure to carefully follow these Installation Instructions, set forth above, will void all applicable warranties. DELCO REMY is a registered trademark of General Motors Corporation, licensed to Remy International, Inc. Pendleton, IN 46064.

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